

PROFILED BELT-TYPE REGULATOR

ABSTRACT OF THE DISCLOSURE

Sub 01 > A regulator assembly is provided that may be used as part of a door module. Attachment of the regulator components to the panel provides a convenient door module for attachment to a door. The regulator assembly may also be used for sunroofs. The assembly includes a glass support member for supporting a pane of glass or window. A drive motor produces a drive force for moving the glass support between open and closed positions. A flexible belt, such as a timing belt, includes a profile. The belt interconnects the drive motor and the glass support member. In a preferred embodiment, spaced apart brackets may be connected to a panel for supporting opposing end portions of the belt. A drive pulley has a complimentary profile to the profile of the belt. The drive pulley is connected to the drive motor with the drive pulley engaging the belt and movable relative thereto in response to the drive force. The regulator may incorporate a continuous loop belt or a belt having terminal ends that are affixed to a mounting member.